

(W)

PCT09

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/786,835

DATE: 07/15/2001

TIME: 20:26:14

Input Set : A:\ES.txt

Output Set: N:\CRF3\07152001\I786835.raw

ENTERED

3 <110> APPLICANT: Agricultural Technology & Genetics GmbH  
 5 <120> TITLE OF INVENTION: Regulatory Sequences for Root Specific or Root Abundant Gene Expression  
 6 In Plants  
 8 <130> FILE REFERENCE: 1588.GLE.PT  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/786,835  
 C--> 11 <141> CURRENT FILING DATE: 2001-06-19  
 13 <150> PRIOR APPLICATION NUMBER: EP 98117251.3  
 14 <151> PRIOR FILING DATE: 1998-09-01  
 16 <160> NUMBER OF SEQ ID NOS: 15  
 18 <170> SOFTWARE: PatentIn version 3.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 1760  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Zea mays  
 25 <400> SEQUENCE: 1

26	ctcgagatgt	tggatagaag	aggaattg	agcaaccgag	gtctccaagg	cacgccaaacg	60
28	cgcacccctgc	gcagtgaagt	ggctcgctgat	gtcgcgagg	agcttcgatt	gttcgctgat	120
30	cgcgagcttc	agatttggt	ccatgacccc	agattgtttg	gcgcggcgcg	tgtaatgagc	180
32	agacgccaga	cccgagaccg	gtgtctccga	taccaattgt	tagcaatagc	agcggacaag	240
34	cagcgaacaa	tccgagagac	atagtttggg	ggaggagcag	atagcttgga	gaggaagaag	300
36	aacaatagt	acagcgtaga	ttctctctg	gtctctctg	ttacctctc	tcaatcta	360
38	actcctatta	caaggtcggc	ccatcaggcg	accagtcgc	ggttccacga	acttgggatt	420
40	gggtttgtgc	ggacgcccgc	tggttcttgg	ctctgctgga	gtcttgtctg	tggagctgtt	480
42	gctcgcgctg	ctaacaatct	cttgttggtt	gcgacgactt	cgcgtggcca	cgcgttaact	540
44	gcgctctgct	caaagaaatt	gcctatacag	tgccctggcgt	cagctgcagg	cgttgaatcc	600
46	gaggtcgcca	gtacgaggca	aacgctgagc	tgcatgctgt	accggcttta	ttaataactg	660
48	agctctactc	gctacgttag	ctataggcac	cagaggcgga	tccagagggg	gggcaaagta	720
50	ggccatggcc	ccccctcaat	tttgtacacc	cttttatacc	taatgattat	ttagtattaa	780
52	gtgtagaaaa	aatcaaaatt	ttagatagta	taaaaatctt	gttctaaatc	tctaaaacta	840
54	atagctagtt	gctaaaatta	gccaaaaggt	ttagaatgga	tcaactaatt	gttagctata	900
56	ccctttaaat	aagtattaat	tgttagatgg	cccaacctag	ctaaaaccag	ttaacagtta	960
58	gctctagatg	tttagaacat	ggcctaaaca	accatattat	gagcctactc	gccggatcct	1020
60	ctcggttcag	tcctagcctc	taccagtctg	actctaatct	tcccgcaccc	acctaaacca	1080
62	gtctgctcgc	tgccctggtt	ccgcacccga	cccatcccg	atgcgacgtc	accgcacttc	1140
64	gccccttcgt	agcgcctccg	tcccttgctc	tggtttttctc	gtgacgtcga	tccgctcgac	1200
66	aaattagatc	tcgctcgctg	caacgatatg	acttatcccc	tgcggtcggt	ggacttgacg	1260
68	aactagaaaa	ttatggctct	catgtggtct	ttttggcccc	tcctaaattt	tcgtcctgcg	1320
70	tccgccactc	tatagctgcg	ggagtgcggg	gtaccgtatc	gtgaatctga	agtcgaacag	1380
72	tgatggcgta	ctatctaatt	tcccgtcgag	taatataact	gttgccgacg	atgggaatct	1440
74	ctagttttga	cagaaaccaa	ggcaactgct	atgctagcta	attaattcca	gagagatcga	1500
76	tttctacagt	gctagctgca	acaatcgatg	caattggcat	cagacgatat	atgctaattg	1560
78	ttttctttat	cgatacgtgg	tcaacagtgc	gatccagatt	acagagttct	ctcgccctga	1620
80	tcggatctca	tcgcacatgg	acacccatct	gccaaaccaa	cgcggggcgg	ggaacccgaa	1680
82	acatcgcgtc	catgcacgac	ccccacgcag	ctataaatac	ccatgcaatg	caatgcagcg	1740
84	ggtcacatc	atcgactcca					1760
87	<210>	SEQ ID NO: 2					
88	<211>	LENGTH: 1348					

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/786,835

DATE: 07/15/2001

TIME: 20:26:14

Input Set : A:\ES.txt

Output Set: N:\CRF3\07152001\I786835.raw

89 &lt;212&gt; TYPE: DNA

90 &lt;213&gt; ORGANISM: Zea mays

92 &lt;400&gt; SEQUENCE: 2

```

93 ttgggattgg gtttgtgagg acgcccactg gttcttggct ctgctggagt cttgtctgtg      60
95 gagctgttgc tcgcgtgct aacaatctct tgttgtttgc gacgacttcg cgtggccacg      120
97 cgtaactgc gctctgctca aagaaattgc ctatacagtg cctggcgctca gctgcaggcg      180
99 ttgaatccga ggctgccagt acgaggcaaa cgctgagctg catgctgtac cggctttatt      240
101 aataactgag ctctactcgc tacgttagct ataggcacca gaggcggatc cagagggggg      300
103 gcaaagtagg ccatggcccc cctcaatttt tgtacacctt tttataccta atgattatct      360
105 agtattaagt gtagaaaaaa tcaaaatttt agatagtata aaaatcttgt tctaaatctc      420
107 taaaactaat agctagtgtc taaaatttag caaaagggtt agaatggatc aactaattgt      480
109 tagctatacc ctttaataaa gtattaattg ttagatggcc caacctagct aaaaccagtt      540
111 aacagttagc tctagatggt tagaacatgg cctaaacaac catattatga gcctactcgc      600
113 cggatcctct cgggttcagtc ctagcatcta ccagtctgac tctaattctc ccgacaccac      660
115 ctaaacaggt ctgctcgctg cctgttttcc gccaccgacc cattcccgat gcgacgtcac      720
117 ccgacttcgc ccttcgtag cgctccgctc ccttgtcctg tttttctcgt gacgtcgatc      780
119 cgctcgacaa attagatctc gctcgtcgca acgatatgac ttatccctcg cggctcgttg      840
121 acctgacgaa ctagaaaatt atggtctctc tgtggtcttt ttggcccttc ctaaatcttc      900
123 gtctcgctc cgccactcta tagctcgagg agtgcggggg accgtatcgt gaatctgaag      960
125 tcgaacagtg atggcgtagt atctaattgc ccgtgcagta atatcactgt tgccgacgat      1020
127 gggaatctct agttttgaca gaaaccaagg caactgctat gctagctaata taattccaga      1080
129 gagatcgatt tctacagtgc tagctgcaac aatcgatgca attggcatca gacgatatat      1140
131 gctaattggt ttctttatcg atacgtggtc aacagtgcga tccagattac agagttctct      1200
133 cgccctgatc ggatctcatc gcacatggac acccatctgc caaccaacg cggggcgggg      1260
135 aaccggaaac atcgctcca tgacgaccc ccacgcagct ataaataccc atgcaatgca      1320
137 atgcagcggg tcatcatcat cgactcca

```

140 &lt;210&gt; SEQ ID NO: 3

141 &lt;211&gt; LENGTH: 1096

142 &lt;212&gt; TYPE: DNA

143 &lt;213&gt; ORGANISM: Zea mays

145 &lt;400&gt; SEQUENCE: 3

```

146 ctactcgcta cgtagctat aggcaccaga ggccgatcca gagggggggc aaagtaggcc      60
148 atggccccc ctcaattttg tacacccttt tatacctaata gattatttag tattaagtgt      120
150 agaaaaaatc aaaattttag atagtataaa aatcttggtc taaatctcta aaactaatag      180
152 ctagtgtgcta aaattagcca aaagggttag aatggatcaa ctaattgtta gctataacct      240
154 ttaataaagt attaattgtt agatggccca acctagctaa aaccagttaa cagttagctc      300
156 tagatgttta gaacatggcc taaacaacca tattatgagc ctactcgccg gatcctctcg      360
158 gttcagtcct agcatctacc agtctgactc taatcttccc gacaccacct aaaccagtct      420
160 gctcgtcgcc ctgtttccgc caccgaccca ttcccgatgc gacgtcaccg gacttcgccc      480
162 ctctcgtagcg cctccgtccc ttgtcctggt tttctcgtga cgtcgatccg ctcgacaaat      540
164 tagatctcgc tcgtcgcaac gatatgactt atcccctgcg gtcgggtggc ttgacgaact      600
166 agaaaattat ggctctcatg tggctctttt ggcccctcct aaattttcgt cctgcgtccg      660
168 ccactctata gctgcgggag tgcggggtac cgtatcgtga atctgaagtc gaacagtgat      720
170 ggcgtactat ctaatgtccc gtgcagtaat atcactgttg ccgacgatgg gaatctctag      780
172 ttttgacaga aaccaaggca actgctatgc tagctaatta attccagaga gatcgatttc      840
174 tacagtgcta gctgcaacaa tcgatgaaat tggcatcaga cgatatatgc taatggtttt      900
176 ctttatcgat acgtggtcaa cagtgcgac cagattacag agttctctcg cctgatccg      960
178 atctcatcgc acatggacac ccactgccca acccaacgcg gggcggggaa cccgaaacat      1020
180 cgcgtccatg cacgaccccc acgcagctat aaatacccat gcaatgcaat gcagcgggtc      1080

```

## RAW SEQUENCE LISTING

DATE: 07/15/2001

PATENT APPLICATION: US/09/786,835

TIME: 20:26:14

Input Set : A:\ES.txt

Output Set: N:\CRF3\07152001\I786835.raw

```

182 atcatcatcg actcca 1096
185 <210> SEQ ID NO: 4
186 <211> LENGTH: 746
187 <212> TYPE: DNA
188 <213> ORGANISM: Zea mays
190 <400> SEQUENCE: 4
191 gatcctctcg gttcagtcct agcatctacc agtctgactc taatcttccc gacaccacct 60
193 aaaccagtct gctcgtgccc ctgtttccgc caccgaccca ttcccgatgc gacgtcaccc 120
195 gacttcgccc ctctgtagcg cctccgtccc ttgtcctggt tttctcgtga cgtcgatccg 180
197 ctgcacaaat tagatctcgc tcgtcgcaac gatatgactt atcccctgcg gtcgggtggac 240
199 ttgacgaact agaaaattat ggctctcatg tgggtctttt ggcccctcct aaattttcgt 300
201 cctgcgtccg ccactctata gctgcgggag tgcggggtag cgtatcgtga atctgaagtc 360
203 gaacagtgat ggcgtactat ctaatgtccc gtgcagtaat atcactgttg ccgacgatgg 420
205 gaatctctag ttttgacaga aaccaaggca actgctatgc tagctaatta attccagaga 480
207 gatcgatttc tacagtgcta gctgcaacaa tcgatgcaat tggcatcaga cgatatatgc 540
209 taatggtttt ctttatcgat acgtgggtcaa cagtgcgata cagattacag agttctctcg 600
211 ccttgatcgg atctcatcgc acatggacac ccactctgcca acccaacgcg gggcggggaa 660
213 cccgaaacat cgcgtccatg caccgacccc acgcagctat aaatacccat gcaatgcaat 720
215 gcagcgggtc atcatcatcg actcca 746
218 <210> SEQ ID NO: 5
219 <211> LENGTH: 554
220 <212> TYPE: DNA
221 <213> ORGANISM: Zea mays
223 <400> SEQUENCE: 5
224 gatctcgctc gtcgcaacga tatgacttat cccctgcggt cgggtggactt gacgaactag 60
226 aaaattatgg ctctcatgtg gtcttttttg cccctcctaa attttcgtcc tgcgtccgcc 120
228 actctatagc tgcgggagtg cggggtaccg tatcgtgaat ctgaagtcga acagtgatgg 180
230 cgtactatct aatgtcccggt gcagtaatat cactgttgcc gacgatggga atctctagtt 240
232 ttgacagaaa ccaaggcaac tgctatgcta gctaattaat tccagagaga tcgatttcta 300
234 cagtgtagc tgcaacaatc gatgcaattg gcatcagacg atatatgcta atgggtttct 360
236 ttatcgatac gtggtcaaca gtgcgatcca gattacagag ttctctcgcc ctgatcggat 420
238 ctcatcgcac atggacaccc atctgccaac ccaacgcggg gcggggaacc cgaaacatcg 480
240 cgtccatgca cgacccccac gcagctataa ataccatgc aatgcaatgc agcgggtcat 540
242 catcatcgac tcca 554
245 <210> SEQ ID NO: 6
246 <211> LENGTH: 406
247 <212> TYPE: DNA
248 <213> ORGANISM: Zea mays
250 <400> SEQUENCE: 6
251 cgtatcgtga atctgaagtc gaacagtgat ggcgtactat ctaatgtccc gtgcagtaat 60
253 atcactgttg ccgacgatgg gaatctctag ttttgacaga aaccaaggca actgctatgc 120
255 tagctaatta attccagaga gatcgatttc tacagtgcta gctgcaacaa tcgatgcaat 180
257 tggcatcaga cgatatatgc taatggtttt ctttatcgat acgtgggtcaa cagtgcgata 240
259 cagattacag agttctctcg cctgcatcgg atctcatcgc acatggacac ccactctgcca 300
261 acccaacgcg gggcggggaa cccgaaacat cgcgtccatg caccgacccc acgcagctat 360
263 aaatacccat gcaatgcaat gcagcgggtc atcatcatcg actcca 406
266 <210> SEQ ID NO: 7
267 <211> LENGTH: 190
268 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/786,835

DATE: 07/15/2001

TIME: 20:26:14

Input Set : A:\ES.txt

Output Set: N:\CRF3\07152001\I786835.raw

269 &lt;213&gt; ORGANISM: Zea mays

271 &lt;400&gt; SEQUENCE: 7

272	cgatacgtgg	tcaacagtgc	gatccagatt	acagagttct	ctcgccctga	tcggatctca	60
274	tcgcacatgg	acacccatct	gccaacccaa	cgcggggcgg	ggaacccgaa	acatcgcgtc	120
276	catgcacgac	ccccacgcag	ctataaatac	ccatgcaatg	caatgcagcg	ggtcatcatc	180
278	atcgactcca						190

281 &lt;210&gt; SEQ ID NO: 8

282 &lt;211&gt; LENGTH: 1354

283 &lt;212&gt; TYPE: DNA

284 &lt;213&gt; ORGANISM: Zea mays

286 &lt;400&gt; SEQUENCE: 8

287	ctcgagatgt	tggatagaag	aggaattgcg	agcaaccgag	gtctccaagg	cacgccaacg	60
289	cgcacccctgc	gcagtgaggt	ggtcgctgat	gtcgcgaagg	agcttcgatt	gttcgctgat	120
291	cgcgagcttc	agatttggt	ccatgacccc	agattgtttg	gcgcggcgcg	tgtaatgagc	180
293	agacgccaga	cccagagacc	gtgtctccga	taccaattgt	tagcaatagc	agcggacaag	240
295	cagcgaacaa	tccgagagac	atagtttggg	ggaggagcag	atagcttgga	gaggaagaag	300
297	aacaatagt	acagcgtaga	ttcctctctg	gtctcctctg	ttaccctctc	tcaatctaata	360
299	actcctatta	caaggtcggc	ccatcaggcg	accagtcgc	ggttccacga	acttgggatt	420
301	gggtttgtgc	ggacgccgac	tggttcttgg	ctctgctgga	gtcttgtctg	tggagctgtt	480
303	gctcgcgctg	ctaacaatct	cttggtgttt	gcgacgactt	cgcgtggcca	cgcgttaact	540
305	gcgctctgct	caaagaaatt	gcctatacag	tgccctggcg	cagctgcagg	cgttgaatcc	600
307	gaggtcgcca	gtacgaggca	aacgctgagc	tgcatgctgt	accggcttta	ttaataactg	660
309	agctctactc	gctacgttag	ctataggcac	cagaggcgga	tccagagggg	gggcaaagta	720
311	ggccatggcc	ccccctcaat	ttgttacacc	cttttatacc	taatgattat	ttagtattaa	780
313	gtgtagaaaa	aatcaaaatt	ttagatagta	taaaaatctt	gttctaaatc	tctaaaacta	840
315	atagctagtt	gctaaaatta	gccaaaaggt	ttagaatgga	tcaactaatt	gttagctata	900
317	ccctttaaat	aagtattaat	tgtagatgg	cccaacctag	ctaaaaccag	ttaacagtta	960
319	gctctagatg	tttagaacat	ggcctaaaca	accatattat	gagcctactc	gccggatcct	1020
321	ctcggttcag	tcctagcatc	taccagtctg	actctaactc	tcccgcacac	acctaaacca	1080
323	gtctgctcgc	tgccctgttt	ccgccaccga	cccattcccg	atgcgacgtc	accgcacttc	1140
325	gccccttcgt	agcgctcccg	tcccttgtcc	tgtttttctc	gtgacgtcga	tccgctcgac	1200
327	aaattagatc	tcgctcgtcg	caacgatatg	acttatcccc	tgcggtcggt	ggacttgacg	1260
329	aactagaaaa	ttatggctct	catgtggtct	ttttggcccc	tcctaaattt	tcgtcctgcg	1320
331	tccgccactc	tatagctgcg	ggagtgcggg	gtac			1354

334 &lt;210&gt; SEQ ID NO: 9

335 &lt;211&gt; LENGTH: 1497

336 &lt;212&gt; TYPE: DNA

337 &lt;213&gt; ORGANISM: Zea mays

339 &lt;400&gt; SEQUENCE: 9

340	ctcgagatgt	tggatagaag	aggaattgcg	agcaaccgag	gtctccaagg	cacgccaacg	60
342	cgcacccctgc	gcagtgaggt	ggtcgctgat	gtcgcgaagg	agcttcgatt	gttcgctgat	120
344	cgcgagcttc	agatttggt	ccatgacccc	agattgtttg	gcgcggcgcg	tgtaatgagc	180
346	agacgccaga	cccagagacc	gtgtctccga	taccaattgt	tagcaatagc	agcggacaag	240
348	cagcgaacaa	tccgagagac	atagtttggg	ggaggagcag	atagcttgga	gaggaagaag	300
350	aacaatagt	acagcgtaga	ttcctctctg	gtctcctctg	ttaccctctc	tcaatctaata	360
352	actcctatta	caaggtcggc	ccatcaggcg	accagtcgc	ggttccacga	acttgggatt	420
354	gggtttgtgc	ggacgccgac	tggttcttgg	ctctgctgga	gtcttgtctg	tggagctgtt	480
356	gctcgcgctg	ctaacaatct	cttggtgttt	gcgacgactt	cgcgtggcca	cgcgttaact	540
358	gcgctctgct	caaagaaatt	gcctatacag	tgccctggcg	cagctgcagg	cgttgaatcc	600

## RAW SEQUENCE LISTING

DATE: 07/15/2001

PATENT APPLICATION: US/09/786,835

TIME: 20:26:14

Input Set : A:\ES.txt

Output Set: N:\CRF3\07152001\I786835.raw

```

360 gaggtcgcca gtacgaggca aacgctgagc tgcattgctgt accggtttta ttaataactg      660
362 agctctactc gctacgttag ctataggcac cagaggcgga tccagagggg gggcaaagta      720
364 ggccatggcc cccctcaat tttgtacacc cttttataacc taatgattat ttagtattaa      780
366 gtgtagaaaa aatcaaaatt ttagatagta taaaaatctt gttctaaatc tctaaaacta      840
368 atagctagtt gctaaaatta gccaaaaggt ttagaatgga tcaactaatt gttagctata      900
370 ccctttaaat aagtattaat tgtagatgg ccacacctag ctaaaaccag ttaacagtta      960
372 gctctagatg tttagaacat ggcctaaaca accatattat gagcctactc gccggatcct    1020
374 ctcggttcag tcctagcatc taccagtctg actctaactc tcccgcacc acctaaacca    1080
376 gtctgctcgc tgccctgttt ccgccaccga cccattcccg atgcgacgtc acccgacttc    1140
378 gcccttcgt agcgctccg tcccttgctc tgtttttctc gtgacgtcga tccgctcgac    1200
380 aaattagatc tcgctcgctc caacgatatg acttatcccc tgcggtcggt ggacttgacg    1260
382 aactagaaaa ttatggctct catgtggtct ttttgcccc tcctaaattt tcgtcctgcg    1320
384 tccgccactc tatagtcgcg ggagtcgcgg gtaccgtatc gtgaatctga agtcgaacag    1380
386 tgatggcgta ctatctaagt tcccgtcgag taatatcact gttgccgacg atgggaatct    1440
388 ctagttttga cagaaaccaa ggcaactgct atgctagcta attaatcca gagagat      1497
391 <210> SEQ ID NO: 10
392 <211> LENGTH: 1550
393 <212> TYPE: DNA
394 <213> ORGANISM: Zea mays
396 <400> SEQUENCE: 10
397 ctcgagatgt tggatagaag aggaattgcg agcaaccgag gtctccaagg caccgcaacg      60
399 cgcatcctgc gcagtgaagg ggtcgctgat gtgcggaagg agcttcgatt gttcgctgat    120
401 cgcgagcttc agatttggtt ccatgacccc agattgtttg gcgcggcgcg tgtaatgagc    180
403 agacgccaga cccgagaccg gtgtctccga taccaattgt tagcaatagc agcggacaag    240
405 cagcgaacaa tccgagagac atagtttggt ggaggagcag atagcttggg gaggaagaag    300
407 aacaatagtg acagcgtaga ttctctctct gtctcctctg ttaccctctc tcaatctaatt    360
409 actcctatta caaggtcggc ccatcaggcg acccagtcgc ggttccacga acttgggatt    420
411 gggtttgctg ggaagccgac tggttcttgg ctctgctgga gtcttgctg tggagctggt    480
413 gctcgcgctg ctaacaactc ctgtgtgttt ggcagcactt cgcgtggcca cgcgttaact    540
415 gcgctctgct caaagaaatt gcctatacag tgccctggcg cagctgcagg cgttgaatcc    600
417 gaggtcgcca gtacgaggca aacgctgagc tgcattgctgt accggtttta ttaataactg    660
419 agctctactc gctacgttag ctataggcac cagaggcgga tccagagggg gggcaaagta    720
421 ggccatggcc cccctcaat tttgtacacc cttttataacc taatgattat ttagtattaa    780
423 gtgtagaaaa aatcaaaatt ttagatagta taaaaatctt gttctaaatc tctaaaacta    840
425 atagctagtt gctaaaatta gccaaaaggt ttagaatgga tcaactaatt gttagctata    900
427 ccctttaaat aagtattaat tgtagatgg ccacacctag ctaaaaccag ttaacagtta    960
429 gctctagatg tttagaacat ggcctaaaca accatattat gagcctactc gccggatcct    1020
431 ctcggttcag tcctagcatc taccagtctg actctaactc tcccgcacc acctaaacca    1080
433 gtctgctcgc tgccctgttt ccgccaccga cccattcccg atgcgacgtc acccgacttc    1140
435 gcccttcgt agcgctccg tcccttgctc tgtttttctc gtgacgtcga tccgctcgac    1200
437 aaattagatc tcgctcgctc caacgatatg acttatcccc tgcggtcggt ggacttgacg    1260
439 aactagaaaa ttatggctct catgtggtct ttttgcccc tcctaaattt tcgtcctgcg    1320
441 tccgccactc tatagtcgcg ggagtcgcgg gtaccgtatc gtgaatctga agtcgaacag    1380
443 tgatggcgta ctatctaagt tcccgtcgag taatatcact gttgccgacg atgggaatct    1440
445 ctagttttga cagaaaccaa ggcaactgct atgctagcta attaatcca gagagatcga    1500
447 tttctacagt gctagctgca acaatcgatg caattggcat cagacgatat      1550
450 <210> SEQ ID NO: 11
451 <211> LENGTH: 1710
452 <212> TYPE: DNA

```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/786,835

DATE: 07/15/2001

TIME: 20:26:15

Input Set : A:\ES.txt

Output Set: N:\CRF3\07152001\I786835.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date